READ THIS MANUAL BEFORE OPERATING YOUR MOTORINO™

GREENWIT Ltd. STRONGLY SUGGESTS THE OPERATOR OF THIS PRODUCT BE 16 YEARS OF AGE OR OLDER.

Assembly and User's Manual

Model: XT/ST/VT

For the most recent version of this user's manual and for all updated product information please visit **www.greenwit.com** or call Customer Service / Technical Support at:

604-331-0555

Tus - Sun 11am - 6pm PST

GREENWIT
#405 - 201 Alvin Narod Mews
Vancouver, BC, V6B 8P5 website: **www.greenwit.com**

YOUR INSURANCE POLICIES MAY NOT PROVIDE COVERAGE FOR ACCIDENTS INVOLVING THE USE OF THE MOTORINO™. TO DETERMINE IF COVERAGE IS PROVIDED YOU SHOULD CONTACT YOUR INSURANCE COMPANY OR AGENT.

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FEATURES AND SPECIFICATIONS

- Motor Specs: Bbrushless DC Motor, Rotated Pick Power: 500W, Speed: 400r/min
- Recharge Time for the Battery: 4-6 Hours
- Battery Holds 4-6 Hours of ride Time
- One Full Charge Lasts up to 50 km with single battery and 80 km with dual. Regeneration models can go up to 100 km.
- Speeds up to 32km/h on level pavement with 75 kg rider
- Weight of MOTORINO: 55 kg

CONTENTS OF THE BOX

- **MOTORINO™** with 48V battery installed (charging required)
- Left and right pedals (to be attached, no tool required)
- **MOTORINO™** 48V charger for 110V AC outlet
- User's manual
- Two Ignition Keys (also used for under seat storage and main battery compartment)
- Two Storage Box Keys

GENERAL USAGE RESTRICTIONS AND GENERAL SAFETY INSTRUCTIONS

This Manual contains many ▲WARNING notes concerning the consequences of failure to maintain or inspect your **MOTORINO™** . A ▲WARNING means that failure to follow the instructions following it may result in injury to the rider or others during use, which may include loosing control and falling. Because any fall can result in serious injury or even death, we do not repeat the warning of possible injury or death whenever the risk of falling is mentioned. A ▲CAUTION on the other hand means that failure to follow the instructions following it may result in damage to the MOTORINO™ or component during installation or use. (I.e. risk of property (product) damage only)

Thank you for purchasing the low speed electrically powered **MOTORINO™**
The **MOTORINO™** complies with the Canadian Motor Vehicle Safety Regulation Act (CMVSRA) It is classified as Power Assisted Bicycle in section 1.2.1 in the above mentioned act.

GENERAL SAFETY GUIDELINES & RESTRICTIONS

Your province motor vehicle branch, or the city or county where it will be used, may regulate the use of devices like the **MOTORINO™** . Some provinces may require a driver's license or minimum age to use the **MOTORINO™**. In some provinces it may be referred to as an "power assisted bicycle" or "restricted use motorcycle". Please check with your local motor vehicle branch or insurance company on requirements for using the **MOTORINO™**.

If your province or municipality allows the **MOTORINO™** to be used on vehicle roadways please make sure you are familiar with all traffic laws, such as yielding to pedestrians and other motorists, signaling, riding as far to the right edge of the roadway as possible, obeying traffic signs etc. Your province MVB can provide you with materials related to these traffic laws.

In addition to those traffic laws abide by the following general principals:

1. You are sharing the road or the path with others - motorists, pedestrians and other cyclists. Respect their rights, and be tolerant if they infringe on yours.

2. Ride defensively.

3. Look ahead of where you're going, and be ready to avoid:
   - Vehicles slowing or turning in front of you, entering the road or your lane ahead of you, or coming up behind you.
   - Parked car doors opening in front of you.
   - Pedestrians stepping out in front of you.
   - Children or dogs playing near the road.
   - Pot holes, sewer grating, railroad tracks, expansion joints, road or sidewalk construction, debris and other obstructions that could cause you to swerve into traffic, catch your wheel or otherwise cause you to lose control and have an accident.
   - The many other hazards and distractions which can occur while using the **MOTORINO™** during a ride.

4. Ride on the right side of the road, in the same direction as vehicle traffic and as close to the edge of the road as possible.

5. Stop at stop signs and traffic lights; slow down and look both ways at street intersections. Remember that the **MOTORINO™** will always lose in a collision with a motor vehicle, so be prepared to yield even if you have the right of way.

6. Use hand signals for turning and stopping. Learn the local vehicle code for the correct signal.

8. Don't weave through traffic or make any moves that may surprise people with whom you are sharing the road.
9. Never carry anything which obstructs your vision or your complete control of the MOTORINO™ or which could become entangled in the moving parts of the **MOTORINO™**
10. Never hitch a ride by holding on to another vehicle.

NEITHER GREENWIT Ltd. NOR THE RETAIL SELLER OF THE **MOTORINO™** IS RESPONSIBLE FOR THE CONSEQUENCES OF FAILURE TO COMPLY WITH FEDERAL AND PROVINCIAL ORDINANCES RELATING TO THE USE OF THE **MOTORINO™**

⚠ WARNING

This product contains lead and lead compounds, chemicals known to cause cancer and reproductive harm. Wash hands after handling.

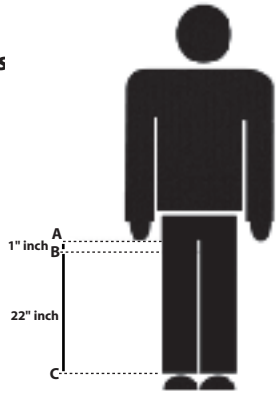
HELMET USE WHILE RIDING THE **MOTORINO™**

CMVSRA requires that you use a helmet like those used by human powered bike riders while riding the MOTORINO™. MOTORINO™ should not be used under any circumstances without properly wearing a helmet.

⚠ WARNING

IN ADDITION TO THE REQUIREMENTS ABOVE, THE **MOTORINO™** IS NOT TO BE RIDDEN / USED:

1. on any roadways where the speed limit is in excess
2. on any sidewalks or pedestrian walkways
3. on any bumpy, rough or unpaved surfaces
4. in darkness
5. on sandy, wet or gravel covered surfaces
6. by any person weighing more than 225 lbs
7. by any person shorter than 60"
8. by any person with an inseam of less than 22"



9. *by more than one rider at a time (no passengers)*
10. *by any physically or mentally challenged person*
11. *by any person with vision, balance, hearing or coordination impairments*
12. *by any person using headphones or a cellular phone [They mask traffic sounds and emergency vehicle sirens, distract you from concentrating on what's going on around you, and their wires can tangle in the moving parts of the* **MOTORINO™,** *causing you to lose control]*
13. *to carry more than 10 lbs of cargo in the cargo compartment (in addition to the rider)*
14. *in excess of 20 mph (with or without the motor activated)*
15. *by barefoot riders or those wearing sandals, open toed, high heeled, platform or slip on footwear*
16. *on steep inclines or on uneven terrain*
17. *by any person who has ingested any alcohol or drug that could impair their ability to operate the* **MOTORINO ™**
18. *without 2 hands on the handle bar*
19. *while not seated on the seat*
20. *to jump ramps, curbs, or objects or attempt any stunts*
21. *with excessive speed for the terrain, circumstances or maneuver with clothing or extremities in close proximity to the drive chain or any moving parts*
22. *beyond your ability or prior experience*
23. *by stopping with only the front brake. Use both brakes simultaneously*
24. *Do not try to accelerate and have the brake (s) on at the same time. [This may cause damage to the motor or drive train or cause the motor or drive train to overheat.]*

⚠ WARNING BEFORE EACH RIDE: ⚠ CAUTION

1. *Make sure you properly wear a helmet*
2. *Wear protective clothing and gloves*
3. *Wear eye protection that does not interfere with your peripheral vision*
4. *Check local and state laws before operating the* **MOTORINO™** *in any area*
5. *Make sure all tail/brake lights, turn signals and headlight are operational*
6. *Make sure the horn is operational*
7. *Make sure the brakes are properly adjusted and working correctly (see page #15).*
8. *Make sure you understand how the brakes work (right lever for rear brake) and that your hands can reach and squeeze the levers comfortably and hard enough to stop the* **MOTORINO™** *safely.*
9. *Make sure the chain is properly adjusted (see page #12).*

10. *Make sure all parts of the* **MOTORINO™** *are properly and securely fastened and adjusted, including but not limited to pedals, crank arms, wheels, all controls and cargo (Please refer to Assembly Instructions)*
11. *Make sure the tires are not excessively worn, do not have tears or cuts, and are properly seated on the rim and inflated to the proper pressure on the sidewall (DO NOT USE GAS STATION PUMPS FOR INFLATION)*
12. *Make sure the wheels spin straight and that the rims are not bent or damaged (front wheel must be undamaged for front brake to work properly)*
13. *Make sure the throttle is in the "OFF" position before turning* **MOTORINO™** *key on. This will prevent the* **MOTORINO™** *from moving forward without notice once the ignition key is turned.*

⚠ WARNING **AFTER EACH RIDE:** **⚠ CAUTION**

1. *Make sure that the ignition key is turned OFF and that all keys are removed and kept in a safe place*
2. *Make sure that the battery is not left fully discharged or close to fully discharged*
3. *Make sure the throttle is rotated to the off position*
4. *Ensure that the kickstand is used so the* **MOTORINO™** *will not fall over and get damaged*
5. *Ensure the* **MOTORINO™** *is not kept outdoors or where moisture can damage it*
6. *Do not charge or store the* **MOTORINO™** *closer than 20 feet from any flame (e.g. furnace, fireplace, water heater, space heater)*
7. *Do not allow children under 16 to play on or near the unattended* **MOTORINO™**

⚠ WARNING ***FAILURE TO FOLLOW THESE OPERATION INSTRUCTIONS CAN RESULT IN SERIOUS INJURY OR DEATH OR COULD RESULT IN AN ELECTRICAL SHORT AND OR FIRE.***

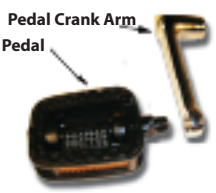
⚠ WARNING ***DO NOT MAKE ANY ALTERATIONS OR MODIFICATIONS TO THE*** **MOTORINO™** ***, OR ADD ANY PARTS NOT AUTHORIZED BY GREENWIT Ltd. EXCEPT THOSE DISCUSSED IN THIS MANUAL OR THOSE REQUIRED BY LAW. DO NOT REMOVE ANY REFLECTORS, LIGHTS OR OTHER STANDARD EQUIPMENT.***

All authorized replacement parts are listed on the parts list enclosed or available at www.greenwit.com or www.e-ride.ca or by calling Greenwit customer service at 1-888-331 - 0555 Thu - Sun 11am - 6pm PST.

ASSEMBLY INSTRUCTIONS

After unpacking your **MOTORINO™** there is minimal assembly to be completed. Assembly consists of attaching the pedals to the **MOTORINO™** and attaching the rearview mirrors.

PEDALS



Locate Pedals (Set of 2) The pedals are labeled left and right near the threads. They are not interchangeable. The left pedal goes into the threaded hole on the left crank arm on the left side of the **MOTORINO™** (your left side as if seated on the **MOTORINO™**). The inside surface of the crank arms are labeled "L" and "R" like the pedals. The Left pedal has reverse threading meaning it tightens by turning it to the left (counter-clockwise). The Right pedal has normal threading and tightens by turning it to the right (clockwise). After threading the pedals into the crank arms as far as possible with your fingers (to avoid cross threading), tighten them snugly with an adjustable wrench.

REARVIEW MIRRORS

Locate the chrome mirrors included with your . These have threaded ends and include a nut. With the Hexagonal ("Allen" or "Hex" wrench) remove the screw and nut as shown in the pictures. Once the nut is removed from the threaded end of each mirror, insert the threaded end of the mirror as shown on picture at left. Then screw the nut onto the mirror's threaded end as shown on picture below.

The mirror needs to be tightened fully for assembly to be safe. Repeat the process for the other mirror. Once mirrors are installed, they should look like the picture on left. Make sure to adjust the mirrors before use so that you can see behind you as you ride.

You have now successfully assembled your **MOTORINO™** !
If you have any questions about assembly please call :
Greenwit Customer Service / Technical Support
Toll-Free at 1-888-331-0555 Thu - Sun 11-am - 6pm PST.

BATTERY

BEFORE OPERATING YOUR NEW **MOTORINO™**, FOR THE FIRST TIME, CHARGE THE BATTERY FOR 14-16 HOURS, BUT UNDER NO CIRCUMSTANCES IN EXCESS OF 18 HOURS.
Be sure to charge the **MOTORINO™** after each use. Keeping the battery properly charged will help extend the battery life. Do not use the **MOTORINO™** while the power indicator on the instrument panel shows low energy. If the **MOTORINO™** is over-used the battery's life will be reduced. The **MOTORINO™** uses a 48V (volt) battery pack. To charge the battery, connect the 3-pin plug into the charging receptacle located directly below the front of seat. The battery must be charged while installed in the **MOTORINO™**. If you notice anything unusual about the battery such as a cracked or leaking battery case, a battery that gets hot while being used or charged, a battery case that appears "puffy" or "bloated" etc, or there are any other problems with the battery, please contact Greenwit Customer Service / Technical Support Toll-Free at: 1-888-331-0555 Thu-Sun 11am - 6pm PST.

The battery is sealed and is NOT user serviceable. Do not attempt to repair, remove, adjust or in any way alter any internal or electrical components, controls or wiring without first speaking with a customer service representative.
The main battery weighs approximately twenty eight (37) pounds. There is no need to remove it from the **MOTORINO™** unless you are replacing it. Use caution on removal. To replace the main battery pack, lift the foot mat and unlock the lock located on the left side of the **MOTORINO™** (using the ignition key). Proceed to pull the battery out utilizing the handle. Disconnect the battery cable. The **MOTORINO™** is equipped with a 48V battery charger that will interrupt the charging process once the battery has received a sufficient charge. Greeenwit Ltd strongly suggests that the charger not be used in excess of 18 hours to prevent any unnecessary wear on the battery or charger itself. Charging for periods greater than 18 hours may reduce the overall life expectancy and efficiency of these items.

BATTERY

*****DO NOT DROP THE **MOTORINO™** BATTERY*****

CHARGING THE **MOTORINO™** BATTERY

⚠ CAUTION TO AVOID DAMAGE TO THE BATTERY WHEN CHARGING, USE ONLY THE CHARGER PROVIDED WITH YOUR **MOTORINO™**.

1. ⚠ **WARNING** DO NOT CHARGE OR STORE THE MOTORINO™ CLOSER THAN 20 FEET FROM ANY FLAME (E.G. FURNACE, FIREPLACE, WATER HEATER, SPACE HEATER)
2. Be sure to only use 110V AC with the **MOTORINO™** charger. Also make sure the plug is inserted into a three prong grounded AC outlet.
3. PLUG the POWER INPUT CORD into the **MOTORINO™** charging receptacle located below the front of the seat. See picture above.
4. Plug the **MOTORINO™** 48V battery charger into a 110V AC power source.
5. The CHARGER INDICATOR LIGHT will illuminate confirming that power is connected to the charger. If the light does not come on check all connections. If it still does not come on after checking all connections, fuses and that your AC plug is working, unplug the charger and call Greenwit Customer Service/ Technical Support Toll-Free at 1-888-331-0555 Thu-Sun 11am - 6pm PST

6. ⚠ **WARNING** ***DO NOT KEEP THE*** **MOTORINO™** ***CONNECTED TO THE CHARGER FOR LONGER THAN 18 HOURS UNDER ANY CIRCUMSTANCES! DOING SO COULD CAUSE THE BATTERY OR CHARGER TO OVERHEAT AND CAUSE A FIRE.***

7. When the light on the 36V charger is blinking, the **MOTORINO™** battery is being properly charged. When the **MOTORINO™** battery is fully charged, the light will remain lit without blinking (see 48V charger for example). If this does not occur after approximately 16 hours of charging, unplug the charger and call Greenwit Customer Service/Technical Support. Normal recharge time for the main battery is 4-6 hours (assuming it is not 100% discharged).

8. Disconnect the Input Cord from the Charging Receptacle.

9. Disconnect the charger from the 110V Power Source.

10. ⚠ **WARNING** ***NEVER LEAVE THE BATTERY CHARGER CONNECTED TO THE 110V POWER SOURCE OR THE*** **MOTORINO™** ***WHEN NOT CHARGING THE BATTERY. KEEPING THE CHARGER PLUGGED INTO THE 110V POWER SOURCE AND NOT THE BATTERY COULD CAUSE THE CHARGER TO OVERHEAT AND OR CAUSE A FIRE.***

11. When storing your **MOTORINO™** for lengthy periods of time, the battery should be charged at least once a month to avoid full depletion.

⚠ **WARNING** ***FAILURE TO KEEP THE*** **MOTORINO™** ***BATTERY CHARGED WILL CAUSE TOTAL BATTERY FAILURE. DO NOT ALLOW BATTERY TO BECOME FULLY DISCHARGED!!! ALWAYS RECHARGE THE BATTERY BEFORE THE POWER INDICATOR ON THE INSTRUMENT PANEL SHOWS NO POWER. ALLOWING THE BATTERY TO FULLY DISCHARGE WILL REDUCE BATTERY LIFE AND MAY RUIN THE BATTERY OR COULD CAUSE THE BATTERY OR CHARGER TO OVERHEAT AND CAUSE A FIRE THE NEXT TIME THE*** **MOTORINO™** ***IS CHARGED.***

⚠ **WARNING**

BATTERY POSTS, TERMINALS, POWER CORDS AND BRAKE CABLES MAY CONTAIN LEAD AND LEAD COMPOUNDS, CHEMICALS KNOWN TO CAUSE CANCER AND REPRODUCTIVE HARM. WASH HANDS AFTER HANDLING.

BATTERY

BATTERY RECYCLING

When maintained and used properly, (by following charging and storage guidelines), the Lead Acid Battery Pack used in this product has a normal lifespan of many miles. When the battery pack no longer holds a charge or is unable to be charged properly, it should be removed from the **MOTORINO™** and delivered to a recycling facility. Fedral Laws prohibit disposal of lead-acid batteries in everyday trash. Please contact your local solid waste or recycling authority for recycling information in your area.

GENERAL USAGE NOTES

Break-in Period: Your **MOTORINO™** will last longer and work better when it is broken in properly. Brake control cables and chains may stretch or "seat" when a new **MOTORINO™** Is first used and may require an adjustment. We suggest that the brakes and chain be checked every 30 days and adjusted if necessary.

The **MOTORINO™** is not intended to be used without the installation of the pedals. Pedaling the **MOTORINO™** upon starting will save battery life and will make it easier to balance. The **MOTORINO™** can also be pedaled in situation where the battery power is too low due to a failure to charge the **MOTORINO™** or exceeding its distance range. The rider can also rest his or her feet on the pedals while riding the **MOTORINO™** under electrical power.

It is a good idea to keep a tool kit with you when you ride. You should also carry 2 spare inner tubes that fit the wheel and tire size as well as a manual air pump (with gauge) to re-inflate the tire if you have a flat or it becomes low during use.

If your **MOTORINO™** sustains an impact:

⚠WARNING ***A CRASH OR OTHER IMPACT CAN PUT EXTRAORDINARY STRESS ON COMPONENTS, CAUSING THEM TO FATIGUE PREMATURELY. COMPONENTS SUFFERING FROM STRESS FATIGUE CAN FAIL SUDDENLY AND CATASTROPHICALLY, CAUSING LOSS OF CONTROL, SERIOUS INJURY OR DEATH.***

First, check yourself for injuries, and take care of them as best you can.
Seek medical help if necessary. Next, if your **MOTORINO™** is damaged, perform the checks described in this manual. If you are unable to fix any or all damage/problems, or if you find any bent, scored, or discolored parts, please call Greenwit Service at 1-888-331-0555 M-F 11am - 9pm PST.

⚠WARNING ***IF YOU HAVE ANY DOUBT ABOUT THE CONDITION OF THE*** **MOTORINO™** ***OR ANY OF ITS PARTS, DONT USE IT . CALL GREENWIT CUSTOMER SERVICE AT 1-888-331-0555 Thu-Sun 11AM - 6PM PST AND THEY WILL ASSIST YOU IN PERFORMING A THOROUGH CHECK***

Technological breakthroughs have made components more complex than ever before, and the pace of innovation is increasing. This on-going revolution makes it impossible for this manual to provide all the information required to properly repair and/or maintain your **MOTORINO™**
In order to help minimize the chances of an accident and possible injury, it is critical that you have all repair and maintenance work performed regularly.
For more detailed maintenance instructions or for ordering replacement parts please contact Greenwit Customer Service / Technical Support Toll-Free at 1-888-331-0555 Thu-Sun 11am - 6pm PST.
Local bicycle retail stores, which have service facilities in your area, can also assist you with certain non-electrical repairs or adjustments that you are not qualified to make or for which you do not have the specific or specialized tools needed for repair.

DRIVE CHAIN MAINTENANCE

Periodic adjustments of the drive chain will be necessary to maintain proper tension. If the drive chain is loose, it may make a "popping" noise, which indicates a need for immediate adjustment. To manually check the drive chain tension, make sure the drive chain is properly seated on both the front and rear sprockets. Move the top portion of the drive chain in an upward direction. approximately 1". If there is greater than approximately 1" of movement, the drive chain must be adjusted before use to avoid unseating "falling-off". Before adjusting the chain, please make sure the key is in the " position and disconnect the battery power to prevent any injuries or damage. To disconnect the main battery power, lift the foot mat and unlock the lock located on the left side of the **MOTORINO™** (using the ignition key). Proceed to pull the battery out utilizing the handle. Disconnect the battery cable. Loosen both rear axle nuts until the wheel will move freely in the

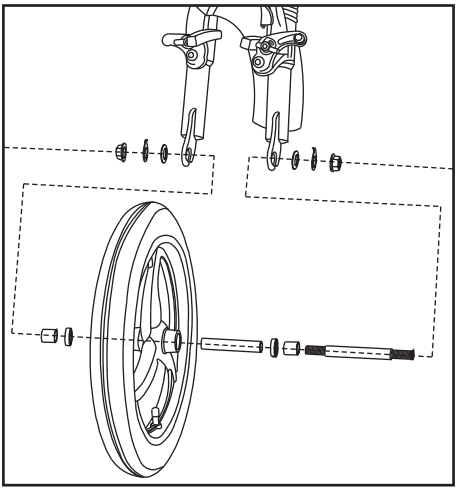
behind the rear axle until the proper tension is achieved. The screws must be turned clockwise to tighten, and counter-clockwise to loosen the chain. Check the tension by rotating the wheel by hand. Be sure that the drive chain is not too tight, if so, the chain will break. Tighten the rear axle nuts and re-check the tension. Make sure that the rear wheel is installed straight and that the tension adjustment screws have not caused the rear wheel to sit crooked once the axle nuts are tightened. The chain should be cleaned and lubricated with bicycle chain lubricant (available at local bike shops) after every 100 miles of riding (or every three rides) or after riding the **MOTORINO™** in wet road conditions.

TIRE MAINTENANCE

Make sure that the air pressure for all tires is correct. The proper inflation amount is listed on the sidewall of the tire. If the tires have less than the recommended amount of pressure, this will decrease the battery usage time and may cause the unit to handle poorly or cause damage to the tires. Use an air pressure gauge to check for the air pressure of the tire.

⚠WARNING ***DO NOT USE GAS STATION AIR FILLING STATIONS AS THE PRESSURE IS USUALLY TOO HIGH AND THE GAUGES ARE INACCURATE. OVER INFLATION OF THE TIRE COULD CAUSE A BLOW OUT AND CRASH.***

FRONT WHEEL REMOVAL



The MOTORINO™ front forks utilize a secondary wheel retention device to keep the wheel from disengaging if the axle nut is insufficiently tightened. Secondary retention devices are not a substitute for correct axle nut tightening. Call Greenwit Customer Service / Technical Support Toll-Free at 1-888-331-0555 Thu-Sun 11am - 6pm PST to explain the particular secondary retention device on your **MOTORINO™** or if you do not understand how to properly remove and replace the front wheel properly with the secondary retention device.

⚠WARNING ***Permanent removal or disabling the secondary retention device is extremely dangerous and may lead to serious injury or death. It also will void the warranty.***

FLAT TIRE REPAIR (continued)

1. Depress the tire valve to let all the air out of the tube, which will assist in removing the wheel from the .

2. Remove the wheel from the **MOTORINO™** using a wrench. Loosen the nuts counterclockwise and make sure to remove the wheel retention clips on the front wheel. Be sure to remember where all the spacers and washers belong. For rear tire removal you will also need to slip the chain off the rear sprocket to remove the wheel. The chain must be properly reinstalled and re-tensioned when reinstalling the rear wheel. Make certain the chain is properly positioned on both front and rear sprockets before re-tightening rear wheel.

3. Remove one bead of the tire from the rim by grasping it at a point opposite the valve stem with both hands and, at the same time, lifting and peeling one side of the tire off the rim. If the bead is on too tight for you to unseat it with your hands use tire levers to lift the bead carefully over the tire rim. Tire levers can be purchased at any local bike shop. Push the valve stem through the wheel rim. Remove the inner tube.

4. Carefully check the outside and inside of the tire for the cause of the puncture and remove any debris or damaging material from the inside or outside of the tire.

⚠WARNING ***IF THE TIRE IS CUT, YOU MUST REPLACE THE TIRE TO PREVENT ANY SUDDEN AND CATASTROPHIC FAILURE CAUSING LOSS OF CONTROL, SERIOUS INJURY OR DEATH.*** Replacement parts are able to be purchased by calling the Greenwit Customer Service at 1-800 331 0555 M-F 10am - 9pm PST or by visiting Greenwits's web site at www.greenwit.com.

⚠WARNING ***PATCHING A TUBE IS AN EMERGENCY REPAIR. CARELESS PATCHING OR APPLYING SEVERAL PATCHES CAN SERIOUSLY WEAKEN THE TUBE, RESULTING IN POSSIBLE TUBE FAILURE, WHICH COULD CAUSE YOU TO LOOSE CONTROL AND FALL. REPLACE A PATCHED TUBE AS SOON AS POSSIBLE.***

5. Reinstall the tire and tube. Slip one tire bead over the rim. Inset the tube valve through its hold in the rim. Feed the tube carefully into the cavity of the tire. Inflate the tube just enough to give it some shape. Starting at the valve stem and working around both sides of the rim to the side opposite the valve stem, use your thumbs to push and seat the other bead of the tire inside the rim. Be careful not to pinch the tube between the tire bead and the wheel rim. If you have trouble getting the last few inches of bead over the edge of the rim with thumb pressure, use a tire lever and be careful not to pinch the tube.

⚠CAUTION ***IF YOU USE A SCREWDRIVER OR ANY TOOL OTHER THAN A TIRE LEVER, YOU ARE LIKELY TO PUNCTURE THE TUBE.***

6. Check to make sure that the tire is evenly seated around both sides of the rim and that the tube is inside the tire beads. Push the valve stem into the tire to make sure that its base is seated within the tire's beads. Inflate the tube slowly to the recommended pressure on the tire sidewall, all the while checking to make sure that the tire beads stay seated in the rim. Replace the valve cap. Replace the wheel in the **MOTORINO™**

⚠ WARNING ***RIDING YOUR MOTORINO™ WITH A FLAT OR UNDER-INFLATED TIRE CAN SERIOUSLY DAMAGE THE TIRE, RIM (WHEEL), TUBE, AND THE MOTORINO™ . IT MAY ALSO CAUSE YOU TO LOSE CONTROL AND FALL.***

Make sure that the air pressure for all tires is correct. The proper inflation amount is listed on the sidewall of the tire. If the tires have less that the recommended amount of pressure, this will decrease the battery usage time and may cause the unit to handle poorly or cause damage to the tires. Use an air pressure gauge to check for the air pressure of the tire.

⚠ WARNING ***DO NOT USE GAS STATION AIR FILLING STATIONS AS THE PRESSURE IS USUALLY TOO HIGH AND THE GAUGES ARE INACCURATE. OVER INFLATION OF THE TIRE COULD CAUSE A BLOW OUT AND CRASH.***

BRAKE MAINTENANCE

Take a look at the brake pads before every ride. If when the brake lever is engaged (approximately one (1) inch of brake lever movement) and the brake pads are not firmly against the wheel rim, do NOT ride the **MOTORINO™**. Call Greenwit Customer Service at 1-888-331-0555 Thu-Sun 11am - 6pm PST or visit your local bicycle dealership and have them adjusted or replaced.

Check the control cables and cable housings. Any rust? Kinks? Fraying? If so, do NOT ride the **MOTORINO™** . Call Greenwit Customer Service at 1-888-331-0555 Thu-Sun 11am - 6pm PST or visit your local bicycle dealership and have them adjusted or replaced.

Adjusting the brake cables at the brake lever can be accomplished by most people, however brake pad adjustment or cable replacement should only be performed by people with expertise in performing such adjustments or repairs. Call the Greenwit Customer Service / Technical Support Toll-Free Number at: 1-888-331-0555 Thu-Sun 11am - 6pm PST for additional information about brake repairs or adjustments.

MAIN BATTERY FUSE REPLACEMENT

The MOTORINO™ has one 20 Amp fuse located on the main battery pack. Replacement fuses are supplied in the user's manual bag. To replace the fuse from the main battery pack, lift the foot mat. Unlock the lock located on the left side of the MOTORINO™ (using the longer in length ignition key). Proceed to pull the battery out utilizing the handle. Disconnect the battery cable. Once the battery has been pulled out of the compartment, locate the fuse holder located next to the plug on the bottom of battery. Replace this fuse with same type and amperage. Using the wrong fuse will result in damage to the MOTORINO™ . Replacement fuses are supplied in the user's manual bag.
Contact Greenwit Customer Service / Technical Support Toll-Free at 1-888-331-0555 Thu-Sun 11am - 6pm PST to purchase additional spare fuses.

(OPTIONAL) SPARE BATTERY FUSE REPLACEMENT

The spare battery pack is optional and is not shipped with the MOTORINO™. One can be purchased from Greenwit Customer Service / Technical Support Toll-Free at 1-888-331-0555 Thu-Sun 11am - 6pm PST. The spare battery is used to extend the riding range of the MOTORINO™.

The spare battery is located in the under-seat storage compartment. This compartment can be used for storage if no spare battery is being used. To access this spare battery, locate the seat lock on the left side of the MOTORINO™. Raise the seat to expose the spare battery. Remove the power cable from the socket on the battery. Using the handle, lift the battery out of the battery compartment. It weighs approximately twenty eight (28) pounds so be careful not to drop it (use caution). The fuse holder is located next to the power socket on battery. Replace this fuse with the same type and amperage.

⚠ WARNING ***USING THE WRONG FUSE WILL RESULT IN DAMAGE TO THE MOTORINO™. MAKE SURE THE REPLACEMENT FUSE IS A STANDARD 20 AMP FUSE THAT PROPERLY FITS INTO THE FUSE HOLDER. IF YOU USE THE WRONG SIZE OR AMPERAGE FUSE IT COULD RESULT IN A FIRE OR DAMAGE TO THE MOTORINO™ .***

KEY AND THROTTLE OPERATION

ON/OFF Switch: (ignition)

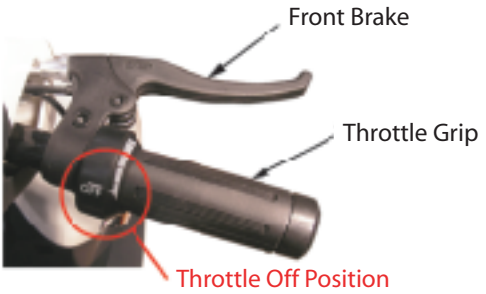
1. OFF Position: MOTORINO™ is OFF
2. "center" ON Position: MOTORINO™ is ON, utilizes the primary battery.
3. ON Position: MOTORINO™ is ON, utilizes power from the optional spare battery under the seat.

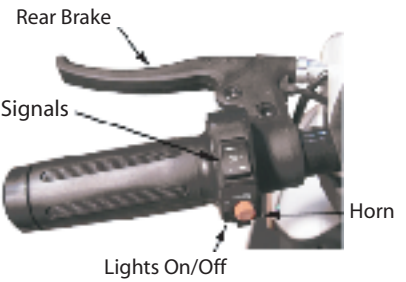
⚠ CAUTION

BEFORE OPERATING YOUR MOTORINO™ ***MAKE SURE THAT THE THROTTLE GRIP IS NOT ROTATED TO THE "ON" POSITION!!! MAKE ALSO SURE THAT YOUR THROTTLE IS NOT "STICKY" AND ROTATES FREELY BACK TO THE INITIAL POSSITION***
SEE PICTURE FOR CORRECT PLACEMENT OF LEVER BEFORE USAGE!!!

THROTTLE CONTROL

The MOTORINO™ uses a speed changing throttle grip. It is on the right side of the handlebar. Rotate the throttle grip toward the seat to accelerate and rotate forward away from the seat to slow down.





MOTORINO™ PARTS - ST430/ST480/XT480

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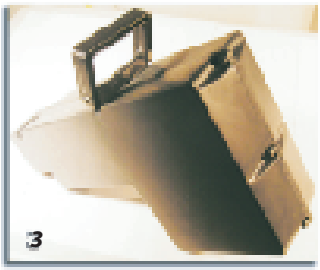

PARTS LIST

No.	Description	Part No.
1	48 Volt Battery Charger	4801
2	48 Volt Lead Acid Battery Pack	4802
3	48 Volt Lead Acid Battery (Spare)	4803
4	Axle (Front Wheel)	4804
5	Axle (Inner Axle Spacer)	4805
6	Battery Charging Port (Female Connector Plug)	4806
7	Brake Assembly (Front)	4807
8	Brake Assembly (Rear)	4808
9	Brake Cable w/ Lever (Front)	4809
10	Brake Cable w/ Lever (Rear)	4810
11	Brake Pads Front (Set of 2)	4811
12	Bulbs - Headlight & Instrument Cluster CLEAR (Set of 2)	4812
13	Bulbs - Headlight LARGE CLEAR (Set of 2)	4813
14	Bulbs - Steering Headlight & Instrument Cluster AMBER (Set of 2)	4814
15	Bulbs - Steering Headlight CLEAR (Set of 2)	4815
16	Bulbs - Tail Light - CLEAR - (Set of 2)	4816
17	Bulbs - Tail Light - RED	4817
18	Carpeted Foot Mat	4818
19	Chain (Drive)	4819
20	Control Module	4820
21	Fork Bearing Race (Front) (Set of 2)	4821
22	Fork Bearings (Set of 2)	4822
23	Fuse (20 Amp) 6 per package	4823
24	Handle Grip (Left)	4824
25	Hardware (Assorted Screws, Nuts & Bolts)	4825
26	Head Light Assembly (Lower)	4826
27	Head Light Assembly (Upper-Steering)	4827
28	Horn & Light Switch Assembly	4828
29	Horn (36 Volt)	4829
30	Ignition Cylinder w/ Key	4830
31	Instruction Manual	4831
32	Key (Ignition) (Set of 2)	4832
33	Key (Luggage Rack) (Set of 2)	4833
34	Kickstand	4834
35	Kickstand Spring	4835
36	Kickstand Stop	4836
37	Pedal (Left)	4837
38	Pedal (Right)	4838
39	Pedal Crank Arm (Left)	4839
40	Pedal Crank Arm (Right)	4840
41	Rearview Mirrors (SOLD SEPARATELY)	4841
42	Reflector Red (Rear)	4842
43	Reflectors Amber (Front Left & Front Right)	4843
44	Relay (36 Volt)	4844
45	Seat (Black)	4845
46	Shocks (Rear Left & Rear Right) (Set of 2)	4846
47	Side Skirt (Left) - Red	4847
47	Side Skirt (Left) - Dark Blue	4847
47	Side Skirt (Left) - Silver	4847
47	Side Skirt (Left) - White	4847
47	Side Skirt (Left) - Blue	4847
48	Side Skirt (Right) - Red	4848
48	Side Skirt (Right) - Dark Blue	4848
48	Side Skirt (Right) -Silver	4848
48	Side Skirt (Right) White	4848
48	Side Skirt (Right) -Blue	4848
49	Sprocket Shaft Assembly	4849
50	Tail Light Assembly (12 Volt)	4850
51	Throttle with Cable & Grip Assembly	4851
52	Tire Tube (Front / Rear)	4852
53	Tires (Front / Rear)	4853
54	Tool Kit	4854
55	Wheel (Front)	4855
56	Wheel Bearings (Front)	4856
57	Wheel w/ Motor Assembly (Rear)	4857
58	Wiring Harness (12 Volt)	4858

Warranty

Greenwit Ltd. warrants to the original retail purchaser ("you") that the Greenwit Motorino scooters for which this warranty has been issued is free from defects in material and workmanship as follows:

Frame - 2 years warranty
Electric Motor - one year warranty
Controller and electrict circuits - 6 monts warranty
Battery - 3 monts warranty

This warranty is not transferable to a subsequent purchaser. Greenwit's sole obligation under this warranty is to repair or replace the product, at Greenwit's option. Greenwit must be notified in writing of any claim under this warranty within 15 days of any claimed lack of conformity of the product.

Warranty Limitations

The duration of any implied warranty or condition, of merchantability for a particular purpose, or otherwise, on this product shall be limited to the duration of the express warranty set forth above. In no event shall Greenwit be liable for any loss, inconvenience or damage, whether direct, incidental, consequential or otherwise, resulting from breach of any express or implied warranty or condition, of merchantability for a particular purpose, or otherwise with respect to this product, except as set forth herein. Some provinces or countries do not allow limitation on how long an implied warranty lasts and some do not allow exclusions or limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which may vary, from location to location. This warranty will be interpreted pursuant to the laws of Canada. The original English language version/meaning of this warranty controls over all translations and Greenwit is not responsible for any errors in translation of this warranty or any product instructions. This warranty is not intended to confer any additional legal, jurisdictional or warranty rights to you other that those set forth herein or required by law. If any portion of this warranty is held to be invalid or unenforceable for any reason, such finding will not invalidate any other provision. For products purchased in countries other than Canada please contact Greenwit's authorized distributor in that respective country.

Warranty Service Options

To obtain service under this warranty you must Call our Toll-Free Number at 1-888 331 0555 M-F 11am - 6pm PST for Customer Service/Technical Support on your Greenwit Product BEFORE returning your Greenwit Product back to the place of purchase. If you return your Greenwit Product for warranty service you must obtain a return authorization number by calling Greenwit at 604 782 8567 M-F 10am - 6pm PST. Send your Greenwit product (with the return authorization number on the outside of the shipping container and affixed to the product), together with the retail seller's original receipt or other satisfactory proof of the date of purchase to:

Greenwit Trading Ltd.
E-Ride 1703 W 4th Ave Vancouver, BC, V6B 8P5
www.e-ride.ca CustomerService@greenwit.com

THE GREENWIT PRODUCT MUST BE RETURNED IN ITS ORIGINAL BOX, ALONG WITH ALL KEYS, CHARGER, MIRRORS & LOCKS, FLOOR MATS, AND ANY OTHER ACCESSORIES THAT CAME WITH YOUR UNIT. DUE TO TRANSPORTATION AND RECLAMATION ISSUES, IF THE GREENWIT PRODUCT IS NOT IN THE ORIGINAL PACKAGE IT MAY NOT BE RETURNED UNDER ANY CIRCUMSTANCES.

Any postage, insurance or other shipping costs incurred in sending your Greenwit product for service under either option above is your responsibility. Greenwit Ltd. will not be responsible for products lost or damaged in shipping.

For products purchased in countries other than Canada please contact Greenwit's authorized distributor or E-Ride shop in the country where the product was purchased. They can be found on our website at www.greenwit.com

Warranty Exclusions are listed below:

- Retailers and sellers of Greenwit products are not authorized to modify this warranty in any way. It is your responsibility to regularly examine the product to determine the need for normal service or replacement. This warranty does not cover the following
- Products that have been modified, neglected or poorly maintained, used for commercial purposes, misused or abused or involved in accidents.
- Damage occurring during shipment of the products (such claims must be presented directly to the shipper).
- Damage to products resulting from improper assembly or repair, the use or installation of parts or accessories not compatible with the original intended use of the product, or the failure to follow the product warnings and usage instructions.
- Damage or deterioration to the surface finish, aesthetics or appearance of the product.
- The labor required to remove and/or re-fit and re-adjust the item covered by this warranty.
- Normal wear to the product.
- Light bulbs and tubes

Any products for which the consumer does not follow the warranty procedures outlined above.

For the current version of this warranty please visit our website at www.greenwit.com

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7 DAY RETURN/EXCHANGE POLICY

THIS WRITTEN POLICY SUPERCEDES ANY OTHER PREVIOUS POLICY, WRITTEN OR IMPLIED.
THIS WARRANTY IS TO BE POSTED AT THE STORE LEVEL IN PLAIN SIGHT OF THE CONSUMER.

ALL GREENWIT PRODUCTS PURCHASED AT RETAIL STORES IN CANADA ARE COVERED UNDER THIS 7 DAY RETURN POLICY

ALL GREENWIT PRODUCTS ARE EXCHANGEABLE OR RETURNABLE FOR ANY REASON TO THE RETAIL POINT OF PURCHASE, IF ACCOMPANIED BY A STORE RECEIPT, FOR A PERIOD OF SEVEN (7) DAYS FROM THE DATE OF PURCHASE. TO BE ELIGIBLE FOR RETURN OR EXCHANGE, ALLGREENWIT PRODUCTS MUST BE IN LIKE NEW CONDITION, IN THE ORIGINAL BOX, ALONG WITH ALL ACCESSORIES THAT INCLUDE, BUT IS NOT LIMITED TO, KEYS, MIRRORS, TOOL KITS, LOCKS, MANUALS, FUSES, CHARGERS, ETC. ALL PRODUCTS MUST HAVE THE KEYS REMOVED FROM THE KEY SLOT AND ATTACHED WITH A ZIP TIE TO THE HANDLE BARS, THE FUSE REMOVED, AND THE BATTERY DISCONNECTED EITHER BY THE QUICK DISCONNECT, OR BY REMOVING THE BATTERY LEADS AND COVERING THE TERMINALS WITH TAPE. IN COMPLIANCE WITH FEDERAL REGULATIONS.

DURING THE SEVEN (7) DAY RETURN/EXCHANGE PERIOD, ALL GREENWIT PRODUCTS ARE ALSO COVERED BY THE SPECIFIED WARRANTY TERMS ON PAGE 23 ON PARTS. THE WARRANTY DOES NOT COVER THE COST OF LABOR ON ANY PRODUCT FOR ANY REASON. THE CURRENT WARRANTY IS AVAILABLE ON THE INTERNET BY VISITING WWW.E-RIDE.CA OR BY CALLING THE GREENWIT TOLL FREE CUSTOMER SUPPORT NUMBER AT (1) 888 331 0555

GREENWIT OR THE RETAIL STORE MAY REFUSE ANY RETURN OR EXCHANGE IF THE PRODUCT IN QUESTION APPEARS TO HAVE BEEN NEGLECTED BY THE OWNER OR IF THE PRODUCT HAS BEEN DAMAGED OR IF THE CONSUMER FAILED TO COMPLY WITH THE WRITTEN INSTRUCTION MANUAL, THIS 10 DAY RETURN POLICY OR THE GREENWIT WARRANTY TERMS. RETAILERS AND SELLERS OF GREENWIT PRODUCTS ARE NOT AUTHORIZED TO MODIFY THIS RETURN/EXCHANGE POLICY OR WARRANTY IN ANY WAY.